

## ABSTRACT OF THE DISCLOSURE

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2 A compressed stainless steel burner comprises top plate, bottom plate  
3 and dividers inside of it. Two stainless steel plates have saw-teeth on both  
4 sides of each plate and the saw-teeth of the top plate are folded to wrap the  
5 saw-teeth of the bottom plate after compressing to form a burner. A venturi  
6 shape tube at the entrance of the burner facilitates the air entering the burner  
7 and mixed with the injected gas. Inside of the burner there are two dividers  
8 with several erect panels on it to divert the mixed gas to both side of the  
9 burner.